



southpaw enterprises, inc.®

Store these instructions in a safe place or with the enclosed maintenance checklist

Instruction Sheet

Custom Expansion Beam 7005



Take time to familiarize yourself with the use and maintenance of this equipment before using. Please file this Instruction Sheet in an accessible location: the Instruction Sheet must be read and familiar to anyone who is using Southpaw Enterprises Equipment.

IMPORTANT: Please check equipment immediately for any damage that may have resulted during shipping. If any damage has occurred, please contact Southpaw Enterprises, Inc. immediately.

MATERIALS LIST:

- 1-Beam with eyebolt
- 1-Back Plate
- 4-5 1/2" bolts
- 8-Washers
- 4-Positive Lock Nuts
- 1-Instruction Sheet
- 1-Maintenance Checklist

TOOLS NEEDED FOR ASSEMBLY:

- 2-Wrenches (3/4" or adjustable)
- Step ladder or appropriate scaffolding.
- Torque Wrench and 3/4" socket.

MINIMUM HEIGHT REQUIREMENT / SPACE NEEDED:

- Use care to assure a clear distance of 6 ft. from walls and other obstacles.

Height adjuster or Safety Rotational Device Needed:

- A Southpaw Height Adjuster (#5000) may be needed to adjust your equipment to the correct height for your client. With all Southpaw Suspended Equipment a Southpaw Safety Rotational Device (#2000) must be used to prevent damage to your equipment. Except where otherwise specified, as for ladders.
- **All warranties are void if a Safety Rotational Device is not used or a rotational device not approved by Southpaw is used.**

WORKING LOAD: 700 LBS.

ASSEMBLY PROCEDURES:

YOU WILL NEED 2 OR 3 STRONG PEOPLE TO ATTACH YOUR CUSTOM EXPANSION BEAM TO YOUR INTERNAL SUPPORT STRUCTURE.

Expansion beams may be positioned anywhere on the Custom Support Structure Cross Beam as long as they do not interfere with normal operation of Support Structure Eye Bolts.

IF THERE IS MORE THAN 6" OF CLEARANCE ABOVE YOUR INTERNAL SUPPORT STRUCTURE:

- Put one washer on each bolt. Put a bolt in each of the two top holes in the plate attached to the beam. Put the top two bolts through the top two holes in the back plate. Put a washer and nut on each bolt and turn at least four turns to insure that they do not come off prematurely.
- Lift the expansion beam and position these two bolts on the top of the cross beam with the expansion beam on one side and the backing plate on the other. **Caution: Do not let go of the expansion beam as it will not stay in place with only two bolts.** Put the two bolts in the bottom holes, put washers and nuts on them and hand tighten. Tighten all four bolts evenly and securely. (If using a torque wrench, tighten to 105 ft. lbs.)

IF THERE IS LESS THAN 6" OF CLEARANCE ABOVE YOUR INTERNAL SUPPORT STRUCTURE:

- Put one washer on each bolt. Put a bolt in each of the two top holes in the plate attached to the beam.
- Lift the expansion beam and position these two bolts on the top of the cross beam. Have another person slide the back plate onto these bolts. Put a washer and nut on each bolt and turn at least four turns to insure that they do not come off prematurely. **Caution: Do not let go of the expansion beam as it will not stay in place with only two bolts.** Put the two bolts in the bottom holes, put washers and nuts on them and hand tighten. Tighten all four bolts evenly and securely. (If using a torque wrench, tighten to 105 ft. lbs.)

TWO BEAMS MAY BE USED IN A STRAIGHT ACROSS PATTERN:

- To use two beams in a straight across pattern, leave off the back plates and fasten another beam in place of the back plate using the bolts, washers, and nuts included with one beam. Store backing plates, bolts, washers, and nuts for future use. Tighten all four bolts evenly and securely. (If using a torque wrench, tighten to 105 ft. lbs.)

MAINTENANCE CHECKLIST:

All of the following wear points should be checked on a monthly basis and recorded on the checklist enclosed.

- Check eye bolts for loose nuts or movement of bolts.
- Check for loose nuts on all bolts. Tighten any loose nuts before using.
- Check eye bolt for wear. If eye bolt is worn more than 30% of original diameter discontinue use and contact Southpaw for a replacement.

MATTING PRECAUTIONS: Always use appropriate matting.

Southpaw recommends the use of Southpaw's Safety Snaps and Rotational Devices with all suspended equipment, as we cannot guarantee the quality, safety, or suitability of products of other manufacturers. When replacing Safety Snaps or Rotational Devices due to normal wear, use only Southpaw replacement parts.

We do not recommend the use of aluminum safety snaps or carabiners although they may be lighter in weight or less expensive. Aluminum snaps will wear much faster than steel snaps. They also present a health hazard with ingestion of aluminum particles from that wear.

STORAGE PROCEDURE:

- Store where not accessible by clients without proper supervision.

CLEANING INSTRUCTIONS:

- Wipe with a damp cloth.
- Dry before using.

Safety Precautions - The safety of your clients is dependent on the appropriate choice of activity to match, yet challenge their physical abilities. Use appropriate spotting / safety techniques. In addition, the layout of your activity area, proper installation and maintenance of your equipment is critical. Southpaw equipment is not intended for recreational or outdoor use. Under no condition should this equipment be used without proper supervision.

This sheet is for example only. It is not meant to, in any way, replace local, county, state, or Federal standards. Be aware - it is your responsibility to find all pertinent safety information that pertains to your facility.



If you have any questions or comments, please call or write
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